Amendment to the Claims

The listing of claims below will replace all prior versions and listings of claims in the application.

1. (Currently Amended) A system for forecasting weather-based demand, comprising:

a recombination processor;

wherein:

said recombination processor is configured to receive <u>directly</u> weather ~~metric~~ <u>metrics</u> data;

said recombination processor is configured to receive <u>directly</u> a weather factor relationship knowledgebase, wherein the weather factor relationship knowledgebase is different from the weather ~~metric~~ <u>metrics</u> data; and

said recombination processor is configured to produce normalized weather factor ~~metric~~ <u>metrics</u> data.

2. (Original) The system of claim 1, wherein said weather factor relationship knowledgebase is a weather-impact model.

3. (Original) The system of claim 2, wherein said weather-impact model comprises at least one of an empirical scoring matrix, a weather indices template, and a proxy model conditions template.

4. (Original) The system of claim 2, wherein said weather-impact model is derived from an analysis of normalized proxy sales history data.

5. (Original) The system of claim 4, wherein said normalized proxy sales history data are derived from at least one of old sales history data for a product from an entity, sales history data for said product from a second entity, sales history data for said product from an outside source, sales history data for a category that includes said product, and sales history data for a proxy product that has a similar weather-based demand relationship as said product.

6. (Currently Amended) ~~The~~ A system ~~of claim 1, further comprising~~ for forecasting weather-based demand, comprising:

a recombination processor, wherein said recombination processor is configured to receive weather metrics data, said recombination processor is configured to receive a weather factor relationship knowledgebase, and said recombination processor is configured to produce normalized weather factor metrics data; and

a volatility scaling processor;

wherein:

said volatility scaling processor is different from said recombination processor;

said volatility scaling processor is configured to receive said normalized weather factor metric data;

said volatility scaling processor is configured to receive volatility scale factor data; and

said volatility scaling processor is configured to produce scaled weather factor metric data.

7. (Original) The system of claim 6, further comprising a deaggregation processor;

wherein:

said deaggregation processor is configured to receive said scaled weather factor metric data;

said deaggregation processor is configured to receive deaggregation data; and

said deaggregation processor is configured to produce deaggregated weather factor metric data.

8. (Currently Amended) ~~The~~ A system ~~of claim 1, further comprising~~ for forecasting weather-based demand, comprising:

a recombination processor, wherein said recombination processor is configured to receive weather metrics data, said recombination processor is configured to receive a weather factor relationship knowledgebase, and said recombination processor is configured to produce normalized weather factor metrics data; and

a deaggregation processor;

wherein:

said deaggregation processor is different from said recombination processor;

said deaggregation processor is configured to receive said normalized weather factor metric data;

said deaggregation processor is configured to receive deaggregation data; and

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said deaggregation processor is configured to produce deaggregated weather factor metric data.

9. (Currently Amended) A method for forecasting weather-based demand, comprising the steps of:

(1) ~~receiving,~~ receiving directly, at a processor, weather metrics data;

(2) ~~receiving,~~ receiving directly, at the processor, a weather factor relationship knowledgebase, wherein the weather factor relationship knowledgebase is different from the weather metric data; and

(3) forecasting, at the processor, the weather-based demand by using the weather metrics data and the weather factor relationship knowledgebase.

10. (Original) The method of claim 9, wherein the weather factor relationship knowledgebase is a weather-impact model.

11. (Original) The method of claim 10, wherein the weather-impact model comprises at least one of an empirical scoring matrix, a weather indices template, and a proxy model conditions template.

12. (Original) The method of claim 10, wherein the weather-impact model is derived from an analysis of normalized proxy sales history data.

13. (Original) The method of claim 9, further comprising the step of:

scaling the weather-based demand.

14. (Original) The method of claim 9, further comprising the step of:

deaggregating the weather-based demand.

15.   (Currently Amended)   A computer program product for forecasting weather-based demand, said computer program product having computer program code means embodied in a computer useable medium, said computer program code means comprising:

a first program code means for ~~receiving, at a processor,~~ causing a processor to directly receive weather metrics data;

a second program code means for ~~receiving, at the processor,~~ causing the processor to directly receive a weather factor relationship knowledgebase, wherein the weather factor relationship knowledgebase is different from the weather metric data; and

a third program code means for ~~forecasting, at the processor,~~ causing the processor to forecast the weather-based demand by using the weather metrics data and the weather factor relationship knowledgebase.

16.   (Original) The computer program product of claim 15, wherein the weather factor relationship knowledgebase is a weather-impact model.

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17.   (Original)   The computer program product of claim 16, wherein the weather-impact model comprises at least one of an empirical scoring matrix, a weather indices template, and a proxy model conditions template.

18.   (Original)   The computer program product of claim 16, wherein the weather-impact model is derived from an analysis of normalized proxy sales history data.

19.   (Currently Amended)   The computer program product of claim 15, further comprising:

a fourth program code means for ~~scaling~~ causing the processor to scale the weather-based demand.

20.   (Currently Amended)   The computer program product of claim 15, further comprising:

a fourth program code means for ~~deaggregating~~ causing the processor to deaggregate the weather-based demand.